

FILE 'HOME' ENTERED AT 10:45:18 ON 17 MAY 2010

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCPLUS, NTIS,
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 10:45:44 ON 17 MAY 2010
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s (synthetic or variant# or modif? or alter?)(5a)(gene/q or nucleic acid# or polynucleotide# or dna)

FILE 'MEDLINE'

169637 SYNTHETIC
156127 VARIANT#
548409 MODIF?
922198 ALTER?
211870 NUCLEIC
1946826 ACID#
211356 NUCLEIC ACID#
10295 POLYNUCLEOTIDE#
1059073 DNA
99202 (SYNTHETIC OR VARI

L1 99202 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'SCISEARCH'

230505 SYNTHETIC
184042 VARIANT#
781655 MODIF?
1007281 ALTER?
49357 NUCLEIC
1710677 ACID#
48728 NUCLEIC ACID#
 (NUCLEIC (W) ACID#)
5248 POLYNUCLEOTIDE#
788747 DNA
95006 (SYNTHETIC OR VARI

L2 95006 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'LIFESCI'

59930 SYNTHETIC
63005 VARIANT#
168783 MODIF?
309194 ALTER?
21621 "NUCLEIC"
486538 ACID#
21364 NUCLEIC ACID#
("NUCLEIC" (W) ACID#)
2717 POLYNUCLEOTIDE#
406796 DNA
57642 (SYNTHETIC OR VARIANT
C ACID# OR POLYNUCLEO

L3 57642 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEIC ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'BIOTECHDS'

16743 SYNTHETIC

20083 VARIANT#
48613 MODIF?
38140 ALTER?
64521 NUCLEIC
186513 ACID#
64407 NUCLEIC ACID#
(NUCLEIC (W) ACID#)
26388 POLYNUCLEOTIDE#
175233 DNA
L4 29734 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'BIOSIS'
245166 SYNTHETIC
162046 VARIANT#
552554 MODIF?
948345 ALTER?
78566 NUCLEIC
1844685 ACID#
77666 NUCLEIC ACID#
(NUCLEIC (W) ACID#)
11100 POLYNUCLEOTIDE#
1393898 DNA
L5 107802 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'EMBASE'
177415 SYNTHETIC
175114 VARIANT#
621961 MODIF?
1062218 ALTER?
80313 NUCLEIC
2448679 ACID#
79697 NUCLEIC ACID#
(NUCLEIC (W) ACID#)
9248 POLYNUCLEOTIDE#
1084064 DNA
L6 109994 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'HCAPLUS'
713755 SYNTHETIC
157533 VARIANT#
1257000 MODIF?
1158767 ALTER?
242942 NUCLEIC
5598939 ACID#
241752 NUCLEIC ACID#
(NUCLEIC (W) ACID#)
25383 POLYNUCLEOTIDE#
1019875 DNA
L7 155696 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'NTIS'
20411 SYNTHETIC
5216 VARIANT#
102693 MODIF?
99699 ALTER?
2373 NUCLEIC
58393 ACID#
2352 NUCLEIC ACID#

(NUCLEIC (W) ACID#)
 269 POLYNUCLEOTIDE#
 10569 DNA
 L8 1756 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
 C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'ESBIOBASE'
 62665 SYNTHETIC
 74099 VARIANT#
 238291 MODIF?
 390017 ALTER?
 38287 NUCLEIC
 549121 ACID#
 38095 NUCLEIC ACID#
 (NUCLEIC (W) ACID#)
 1159 POLYNUCLEOTIDE#
 390739 DNA
 L9 66465 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
 C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'BIOTECHNO'
 41250 SYNTHETIC
 41198 VARIANT#
 86734 MODIF?
 148127 ALTER?
 19939 NUCLEIC
 371908 ACID#
 19837 NUCLEIC ACID#
 (NUCLEIC (W) ACID#)
 1566 POLYNUCLEOTIDE#
 388151 DNA
 L10 41298 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
 C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'WPIDS'
 282501 SYNTHETIC
 39863 VARIANT#
 411506 MODIF?
 573526 ALTER?
 90311 NUCLEIC
 1364247 ACID#
 89930 NUCLEIC ACID#
 (NUCLEIC (W) ACID#)
 35452 POLYNUCLEOTIDE#
 109167 DNA
 L11 37242 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
 C ACID# OR POLYNUCLEOTIDE# OR DNA)

TOTAL FOR ALL FILES
 L12 801837 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
 C ACID# OR POLYNUCLEOTIDE# OR DNA)

=> s codon(3a) (choice or preference# or select?)
 FILE 'MEDLINE'
 46393 CODON
 170290 CHOICE
 70765 PREFERENCE#
 978835 SELECT?
 L13 669 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'SCISEARCH'
 34616 CODON

174275 CHOICE
102677 PREFERENCE#
1317501 SELECT?
L14 690 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'LIFESCI'
21320 CODON
34399 CHOICE
44211 PREFERENCE#
354571 SELECT?
L15 551 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'BIOTECHDS'
6983 CODON
1765 CHOICE
1233 PREFERENCE#
95008 SELECT?
L16 232 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'BIOSIS'
38099 CODON
105693 CHOICE
88557 PREFERENCE#
1021869 SELECT?
L17 723 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'EMBASE'
47188 CODON
195503 CHOICE
80368 PREFERENCE#
1129634 SELECT?
L18 697 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'HCAPLUS'
45597 CODON
111129 CHOICE
58508 PREFERENCE#
1704995 SELECT?
33 SELEC
1705019 SELECT?
(SELECT? OR SELEC)
L19 1087 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'NTIS'
103 CODON
17136 CHOICE
5479 PREFERENCE#
176922 SELECT?
L20 2 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'ESBIOBASE'
20463 CODON
52295 CHOICE
34997 PREFERENCE#
438469 SELECT?
L21 447 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'BIOTECHNO'
21971 CODON
7913 CHOICE
7785 PREFERENCE#
148138 SELECT?

L22 307 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'WPIDS'

6931 CODON
38982 CHOICE
15007 PREFERENCE#
1521984 SELECT?

L23 276 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

TOTAL FOR ALL FILES

L24 5681 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

=> s (transcription factor# or splice or poly(w) 'a' or polyadenylat? or promoter) (5a) (site# or sequence#) (15a) (reduc? or lower? or decreas?)

FILE 'MEDLINE'

371622 TRANSCRIPTION
3124157 FACTOR#
183343 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)
19102 SPLICE
88712 POLY
11185617 'A'
8507 POLYADENYLAT?
156756 PROMOTER
906266 SITE#
1015981 SEQUENCE#
1716397 REDUC?
960362 LOWER?
1312245 DECREAS?

L25 1387 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'SCISEARCH'

305095 TRANSCRIPTION
2096814 FACTOR#
130528 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)
21689 SPLICE
252705 POLY
14985464 'A'
7036 POLYADENYLAT?
163944 PROMOTER
1048458 SITE#
842929 SEQUENCE#
2117851 REDUC?
1196112 LOWER?
1466389 DECREAS?

L26 1249 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'LIFESCI'

188693 "TRANSCRIPTION"
540771 FACTOR#
65863 TRANSCRIPTION FACTOR#
("TRANSCRIPTION"(W)FACTOR#)
10770 SPLICE
33471 POLY
3346014 'A'
6060 POLYADENYLAT?
91652 PROMOTER

400769 SITE#
408122 SEQUENCE#
513870 REDUC?
258767 LOWER?
384399 DECREAS?
L27 1418 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'BIOTECHDS'
25051 TRANSCRIPTION
54236 FACTOR#
4422 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)
1994 SPLICE
9446 POLY
446960 'A'
2131 POLYADENYLAT?
43177 PROMOTER
48574 SITE#
155828 SEQUENCE#
68765 REDUC?
23571 LOWER?
32842 DECREAS?
L28 287 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'BIOSIS'
315855 TRANSCRIPTION
1874252 FACTOR#
113679 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)
20153 SPLICE
167926 POLY
11596760 'A'
9139 POLYADENYLAT?
168754 PROMOTER
943104 SITE#
744772 SEQUENCE#
1794958 REDUC?
1068094 LOWER?
1510667 DECREAS?
L29 1421 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'EMBASE'
470437 TRANSCRIPTION
2370822 FACTOR#
165342 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)
19760 SPLICE
93456 POLY
12842599 'A'
10206 POLYADENYLAT?
166099 PROMOTER
953254 SITE#
990867 SEQUENCE#
2025192 REDUC?
1099852 LOWER?
1487058 DECREAS?

L30 1424 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'HCAPLUS'
473162 TRANSCRIPTION
2076178 FACTOR#
267496 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
24707 SPLICE
811454 POLY
24594708 'A'
13358 POLYADENYLAT?
229803 PROMOTER
1168029 SITE#
1071247 SEQUENCE#
2711867 REDUC?
1087335 REDN
3299064 REDUC?
(REDUC? OR REDN)
1878470 LOWER?
2755861 DECREAS?

L31 2042 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'NTIS'
2566 TRANSCRIPTION
160420 FACTOR#
664 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
531 SPLICE
5884 POLY
1803101 'A'
20 POLYADENYLAT?
1320 PROMOTER
135573 SITE#
30806 SEQUENCE#
198355 REDUC?
73410 LOWER?
56205 DECREAS?

L32 1 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'ESBIOBASE'
180508 TRANSCRIPTION
728765 FACTOR#
82979 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
12796 SPLICE
29764 POLY
3795960 'A'
3770 POLYADENYLAT?
92737 PROMOTER
696629 SITE#
365821 SEQUENCE#
716881 REDUC?
389492 LOWER?
552395 DECREAS?

L33 1473 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR

DECREAS?)

FILE 'BIOTECHNO'
160885 TRANSCRIPTION
296524 FACTOR#
41412 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
8894 SPLICE
21682 POLY
1454372 'A'
5860 POLYADENYLAT?
72959 PROMOTER
222731 SITE#
375038 SEQUENCE#
232937 REDUC?
106436 LOWER?
171676 DECREAS?
L34 1101 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'WPIDS'
24894 TRANSCRIPTION
248195 FACTOR#
4464 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
15994 SPLICE
216386 POLY
16131266 'A'
2196 POLYADENYLAT?
54440 PROMOTER
198479 SITE#
370815 SEQUENCE#
3301802 REDUC?
63369 REDN
3328615 REDUC?
(REDUC? OR REDN)
1761256 LOWER?
354633 DECREAS?
L35 261 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

TOTAL FOR ALL FILES

L36 12064 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

=> s l12 and l24

FILE 'MEDLINE'
L37 62 L1 AND L13

FILE 'SCISEARCH'
L38 51 L2 AND L14

FILE 'LIFESCI'
L39 46 L3 AND L15

FILE 'BIOTECHDS'
L40 81 L4 AND L16

FILE 'BIOSIS'

L41 66 L5 AND L17

FILE 'EMBASE'
L42 63 L6 AND L18

FILE 'HCAPLUS'
L43 142 L7 AND L19

FILE 'NTIS'
L44 0 L8 AND L20

FILE 'ESBIOBASE'
L45 44 L9 AND L21

FILE 'BIOTECHNO'
L46 21 L10 AND L22

FILE 'WPIDS'
L47 114 L11 AND L23

TOTAL FOR ALL FILES
L48 690 L12 AND L24

=> s l12(15a)l36

FILE 'MEDLINE'
L49 22 L1 (15A)L25

FILE 'SCISEARCH'
L50 22 L2 (15A)L26

FILE 'LIFESCI'
L51 28 L3 (15A)L27

FILE 'BIOTECHDS'
L52 17 L4 (15A)L28

FILE 'BIOSIS'
L53 19 L5 (15A)L29

FILE 'EMBASE'
L54 23 L6 (15A)L30

FILE 'HCAPLUS'
L55 79 L7 (15A)L31

FILE 'NTIS'
L56 0 L8 (15A)L32

FILE 'ESBIOBASE'
L57 25 L9 (15A)L33

FILE 'BIOTECHNO'
L58 14 L10(15A)L34

FILE 'WPIDS'
L59 22 L11(15A)L35

TOTAL FOR ALL FILES
L60 271 L12(15A) L36

=> s transcription factor#

FILE 'MEDLINE'

371622 TRANSCRIPTION
3124157 FACTOR#
L61 183343 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'SCISEARCH'
305095 TRANSCRIPTION
2096814 FACTOR#
L62 130528 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'LIFESCI'
188693 "TRANSCRIPTION"
540771 FACTOR#
L63 65863 TRANSCRIPTION FACTOR#
("TRANSCRIPTION"(W)FACTOR#)

FILE 'BIOTECHDS'
25051 TRANSCRIPTION
54236 FACTOR#
L64 4422 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'BIOSIS'
315855 TRANSCRIPTION
1874252 FACTOR#
L65 113679 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'EMBASE'
470437 TRANSCRIPTION
2370822 FACTOR#
L66 165342 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'HCAPLUS'
473162 TRANSCRIPTION
2076178 FACTOR#
L67 267496 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'NTIS'
2566 TRANSCRIPTION
160420 FACTOR#
L68 664 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'ESBIOBASE'
180508 TRANSCRIPTION
728765 FACTOR#
L69 82979 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'BIOTECHNO'
160885 TRANSCRIPTION
296524 FACTOR#
L70 41412 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

FILE 'WPIDS'
24894 TRANSCRIPTION
248195 FACTOR#

L71 4464 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)

TOTAL FOR ALL FILES

L72 1060192 TRANSCRIPTION FACTOR#

=> s 124 and 172

FILE 'MEDLINE'

L73 12 L13 AND L61

FILE 'SCISEARCH'

L74 4 L14 AND L62

FILE 'LIFESCI'

L75 6 L15 AND L63

FILE 'BIOTECHDS'

L76 2 L16 AND L64

FILE 'BIOSIS'

L77 3 L17 AND L65

FILE 'EMBASE'

L78 7 L18 AND L66

FILE 'HCAPLUS'

L79 14 L19 AND L67

FILE 'NTIS'

L80 0 L20 AND L68

FILE 'ESBIOBASE'

L81 2 L21 AND L69

FILE 'BIOTECHNO'

L82 2 L22 AND L70

FILE 'WPIDS'

L83 4 L23 AND L71

TOTAL FOR ALL FILES

L84 56 L24 AND L72

=> s (148 or 160 or 184) not 2001-2010/PY

FILE 'MEDLINE'

L85 6026085 2001-2010/PY
48 (L37 OR L49 OR L73) NOT 2001-2010/PY

FILE 'SCISEARCH'

L86 11240542 2001-2010/PY
(20010000-20109999/PY)
34 (L38 OR L50 OR L74) NOT 2001-2010/PY

FILE 'LIFESCI'

L87 1786967 2001-2010/PY
31 (L39 OR L51 OR L75) NOT 2001-2010/PY

FILE 'BIOTECHDS'

L88 206272 2001-2010/PY
20 (L40 OR L52 OR L76) NOT 2001-2010/PY

FILE 'BIOSIS'

5491046 2001-2010/PY
L89 41 (L41 OR L53 OR L77) NOT 2001-2010/PY

FILE 'EMBASE'
6989773 2001-2010/PY
L90 41 (L42 OR L54 OR L78) NOT 2001-2010/PY

FILE 'HCAPLUS'
11721591 2001-2010/PY
L91 76 (L43 OR L55 OR L79) NOT 2001-2010/PY

FILE 'NTIS'
175498 2001-2010/PY
L92 0 (L44 OR L56 OR L80) NOT 2001-2010/PY

FILE 'ESBIOBASE'
3076383 2001-2010/PY
L93 24 (L45 OR L57 OR L81) NOT 2001-2010/PY

FILE 'BIOTECHNO'
368875 2001-2010/PY
L94 33 (L46 OR L58 OR L82) NOT 2001-2010/PY

FILE 'WPIDS'
9715695 2001-2010/PY
L95 10 (L47 OR L59 OR L83) NOT 2001-2010/PY

TOTAL FOR ALL FILES
L96 358 (L48 OR L60 OR L84) NOT 2001-2010/PY

=> log y		SINCE FILE	TOTAL
COST IN U.S. DOLLARS		ENTRY	SESSION
FULL ESTIMATED COST		55.88	56.10

STN INTERNATIONAL LOGOFF AT 10:55:51 ON 17 MAY 2010